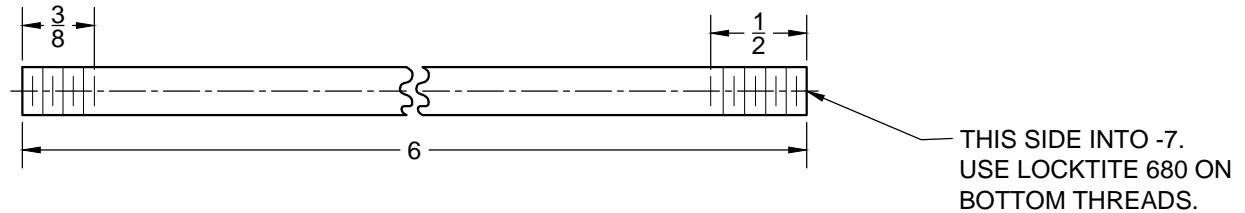
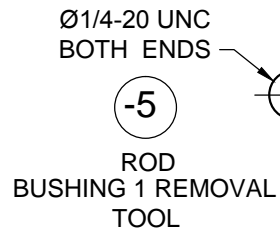
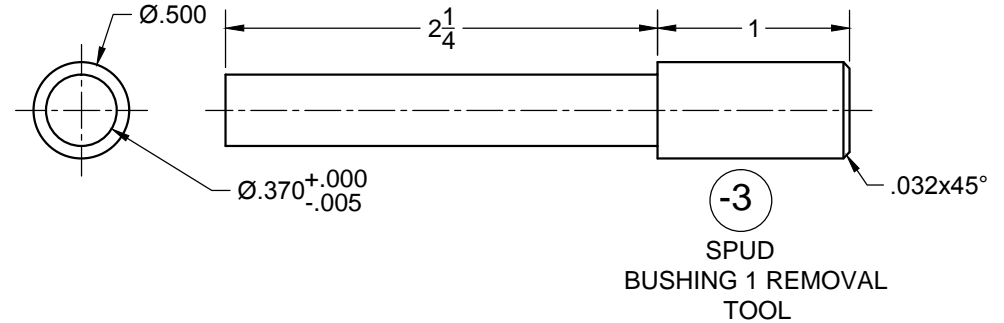
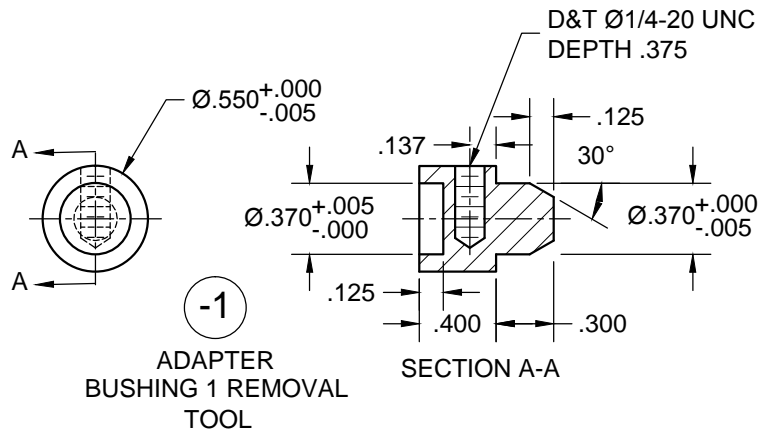


REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	ADDED .125 x 30° TO -1 ADAPTER.	1/15/07		
2	CHANGED -11 R.063 TO CHAMFER & -7 MAT. FROM 1018.	1/13/07		
2A	CH'D TITLEBLOCK & REVISION BLOCK, CH'D REVISIONS FROM ALPHABETICAL TO NUMERICAL, CH'D ENGRAVE NOTE -7 & -11.	1/21/10	RJC	RW

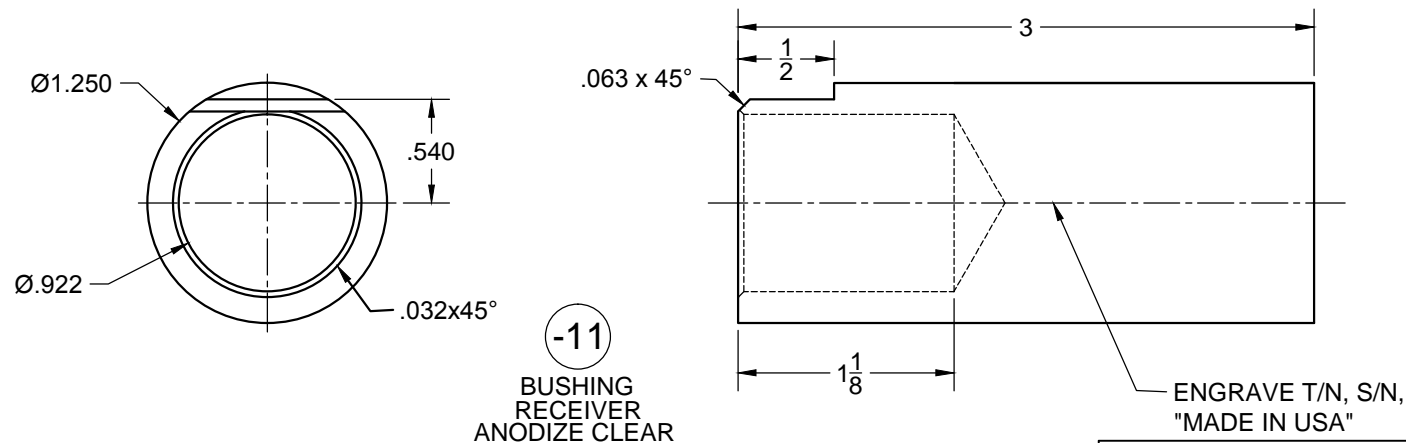
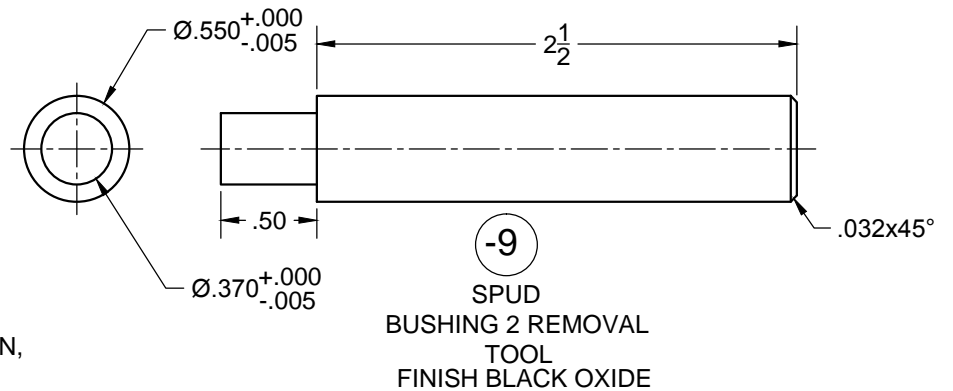
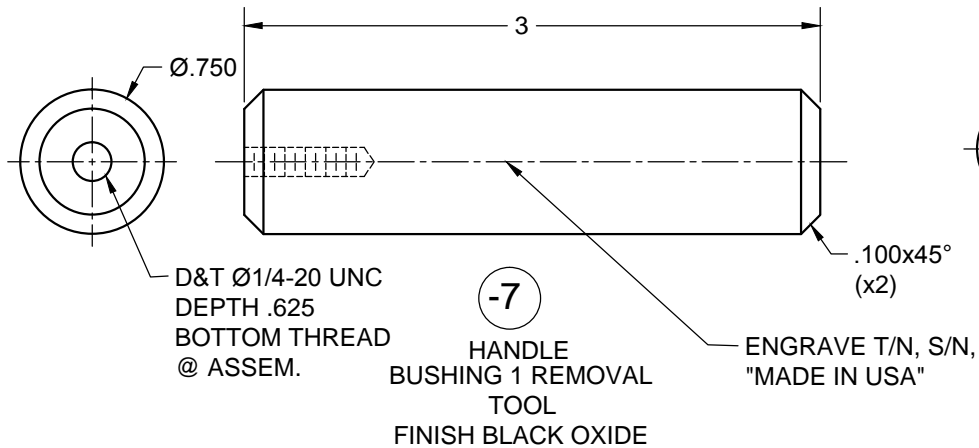


ASSY QTY	ASSY QTY	B/O	PART #	QTY	DESCRIPTION	MATERIAL	B/O INFORMATION OR SPECIFICATIONS	Pg.
			-1	1	ADAPTER BUSHING 1 REMOVAL TOOL	STRESS PROOF	Ø9/16 x 3/4	1
			-3	1	SPUD BUSHING 1 REMOVAL TOOL	STRESS PROOF	Ø1/2 x 3-3/8	1
			-5	1	ROD BUSHING 1 REMOVAL TOOL	1018	Ø1/4 x 6-1/8	1
			-7	1	HANDLE BUSHING 1 REMOVAL TOOL	STRESS PROOF	Ø3/4 x 3-1/8	2
			-9	1	SPUD BUSHING 2 REMOVAL TOOL	STRESS PROOF	Ø9/16 x 3-1/8	2
			-11	1	BUSHING RECEIVER	6061	Ø1-1/4 x 3-1/8	2
ASSY #								

<div> <div> </div> <div>RED BARN MACHINE</div> </div>			
TITLE		T/R BLADE BUSHING REMOVAL TOOL	
DWG NO.		RBT18635	REV 2A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: PERRITT	
TOLERANCES ON:		APPROVED <i>D Weil</i>	
DECIMALS		HEAT TREAT	
.XXX ± .005		FINISH	
.XX ± .01		SPEC	
.X ± .1		BLACK OXIDE	
FRACTIONS ± 1/32		USED ON MODEL	
ANGLES ± 5°		MD 369D	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		MD 369E	
SCALE	NTS	DATE	11-16-06
		SHEET	1 of 2

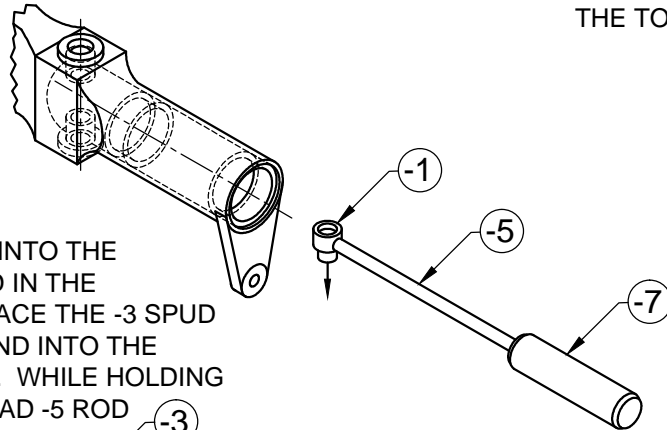
REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
2	CHANGED -11 R.063 TO CHAMFER & -7 MAT. FROM 1018.	1/13/07		
2A	CH'D TITLEBLOCK & REVISION BLOCK, CH'D REVISIONS FROM ALPHABETICAL TO NUMERICAL, CH'D ENGRAVE NOTE -7 & -11.	1/21/10	RJC	RW



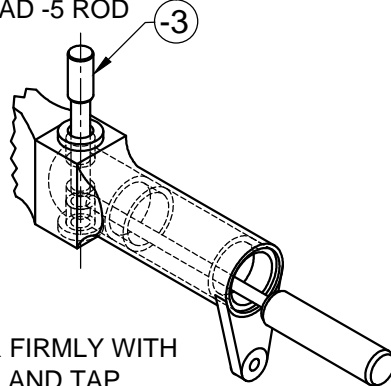
<b>RED BARN MACHINE</b>	
TITLE <b>T/R BLADE BUSHING REMOVAL TOOL</b>	
DWG NO. <b>RBT18635</b>	REV <b>2A</b>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	DRAWN BY: <b>PERRITT</b> APPROVED: <i>D Weil</i> HEAT TREAT FINISH SPEC <b>SEE PART</b>
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL <b>MD 369D</b> <b>MD 369E</b>
SCALE <b>NTS</b>	DATE <b>11-16-06</b>
SHEET <b>2 of 2</b>	

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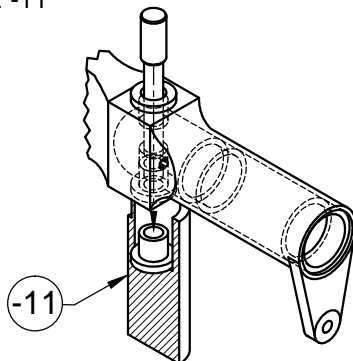
1. THREAD -1 ADAPTER ON TO -5 ROD  
1 TO 2 TURNS. HOLD WITH -1 SMALL ROUND PART  
POINTING DOWN.



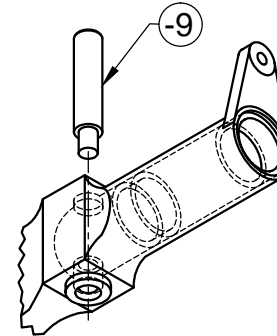
2. PLACE ADAPTER ASSEMBLY INTO THE  
GRIP WITH THE -1 SOLID ROUND IN THE  
BOTTOM BUSHING CENTER. PLACE THE -3 SPUD  
THROUGH THE TOP BUSHING AND INTO THE  
-1 ADAPTER FIRMLY AS SHOWN. WHILE HOLDING  
THE ADAPTER FIRMLY, UNTHREAD -5 ROD  
AND REMOVE.



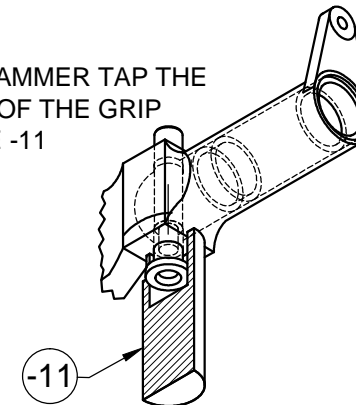
3. WHILE HOLDING -1 ADAPTER FIRMLY WITH  
-3 SPUD, USE A SMALL HAMMER AND TAP  
THE BOTTOM BUSHING FREE FROM THE  
GRIP ASSEMBLY INTO THE -11  
BUSHING RECEIVER.



4. ROLL THE BLADE ASSEMBLY 180°.  
USING THE -9 SPUD, PLACE IT THROUGH THE  
BOTTOM BUSHING HOLE AS SHOWN AND INTO  
THE TOP BUSHING.

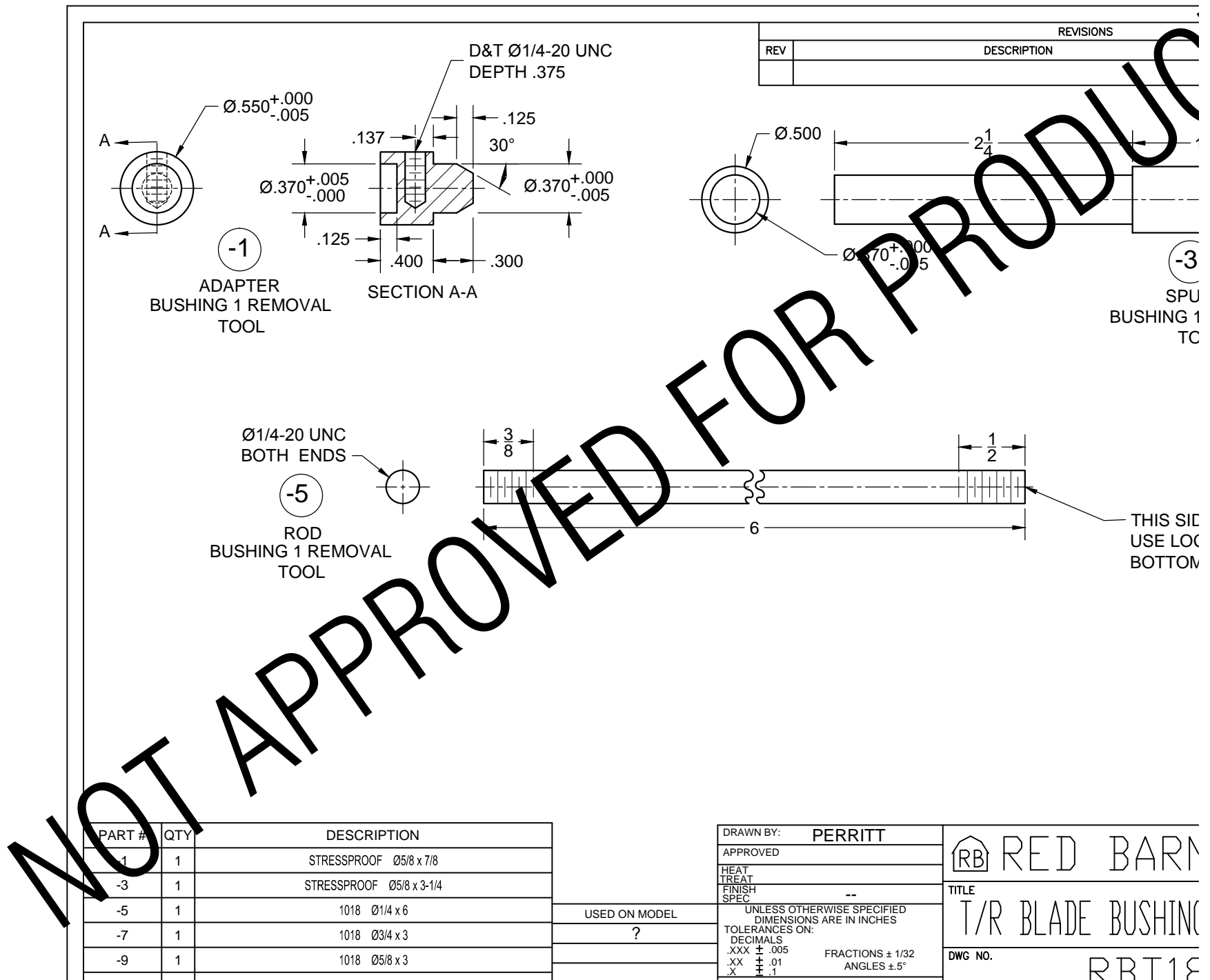


5. USING A SMALL HAMMER TAP THE  
TOP BUSHING FREE OF THE GRIP  
ASSEMBLY INTO THE -11  
BUSHING RECEIVER.



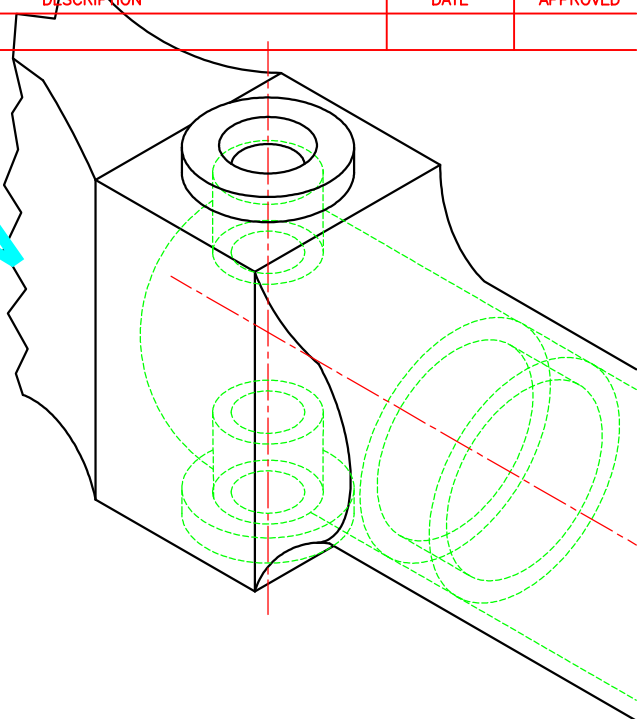
RED BARN MACHINE  
190 S. DANEBO AVE.  
Eugene, Oregon 97402  
(541) 344-9953; fax (541) 344-3863  
e-mail; sales@redbarn.net

RED BARN MACHINE	
TAIL ROTOR BLADE BUSHING REMOVAL TOOL INSTRUCTIONS	
RBT18635	SHEET 1 of 1



NOT APPROVED FOR PRODUCTION

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



PART #	QTY	DESCRIPTION
-1	1	-

DRAWN BY: PERRITT	RB RED BARN MACHINE	
CHECKED	TITLE	
HEAT TREAT	DWG NO.	
FINISH SPEC	REV.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	PART #	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SCALE NTS	DATE 11-28-06
		SHEET 1 of 1